

Software Release ID

Software Release ID uses the D-channel connection of your switch to identify the software release of an adjoining switch. This feature identifies the software release of the NRAG, NACD, NMS, and NCRD features. The software release ID can be requested for all direct connections to the Meridian 1. However, the Software Release ID cannot be obtained for switches in a tandem configuration. The information provided by the Software Release ID depends on the interfacing switches. That is, a Meridian 1 switch provides an X11 release number and a DMS-100 switch provides a BCS number. See Table 87.

Table 87
Software Release ID information

ISDN feature	DCH interface type	Supported release
NRAG	Meridian 1, SL-100 DMS-100, DMS-250	Release 12 & above BCS 26 & above
NACD	Meridian 1 DMS-100, DMS-250	Release 15 & above BCS 29 & above
NMS-MC	Meridian 1	Release 15 & above
NMS-MM	Meridian 1	Release 16 & above
NCRD	Meridian 1, SL-100 DMS-100	Release 16 & above BCS 28 & above

Note: If the interface is changed, the release ID is also changed. The release ID must then be reconfigured.

This feature prevents software incompatibility between two switches. Different applications are supported by different releases, and for most of the ISDN applications, operations are invoked by sending messages back and forth. To prevent software incompatibility, the following occurs. The release ID of the connecting D-channel is checked before data is sent through the ISDN interface. If the connecting switch does not have the software to handle the feature requested, an application message is not sent. Instead, an error message is printed.

Table 87 shows the relationship between the ISDN application, the equipment, and the release ID (X11 or BCS) at the far end.

Note: The release ID information is required and supported for connection to Northern Telecom equipment only. For connections to AT&T ESS4/5, set RLS = 1.

Feature implementation

The Software Release ID feature is configured in LD 17.

Procedure 65
Respond to the following prompts in LD 17 (X11 release 17 and earlier)

Prompt	Response	Description
REQ	NEW,CHG	
TYPE	CFN	Configuration Data Block
ISDN	YES	
DCHI	1–15	D-channel number
RLS	xx	This is the current software release of the far end. If the software is incompatible, it prevents the sending of application messages. Refer to <i>X11 input/output guide</i> (553-3001-400) for details concerning required releases.

Procedure 66**Respond to the following prompts in LD 17 (X11 release 18 and later)**

Prompt	Response	Description
REQ	CHG	Change
TYPE	CFN	Configuration Record
ADAN	NEW DCH 0–63	Add a primary D-channel (can also CHG and OUT DCH)
CTYP	DCHI, MSDL	Card type
DNUM	0–15	Device number: physical port (odd) for D-channel on DCH, physical card address for MSDL
_PORT	0–3	Port number on MSDL card
RLS	xx	Release ID of the switch at the far end of the D-channel. Refer to <i>X11 input/output guide</i> (553-3001-400) for details concerning required releases.